

Amendments to the Abstract

A replacement abstract is attached.

ABSTRACT

A method and device is provided to synthesize a frequency $F1 \rightarrow F2$ with high spectral purity, the device entails a variable-step synthesizer $F3 \rightarrow F4$, which contains and least one variable-rank divider Nb located after the synthesizer and a frequency control device delivering the division rank command of the variable-rank divider, the command of the frequency of the variable-step synthesizer and the command of the synthesis step of the variable-step synthesizer.